APG/JPEO-CBD
Advanced Planning Briefing To Industry
JPM NBC CA

21 November 2014

NBC Defense- All Hazards...All Services

COL Alfred F. Abramson III
Joint Project Manager
NBC Contamination Avoidance
alfred.f.abramson.mil@mail.mil
410.417.3421

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Joint Project Manager
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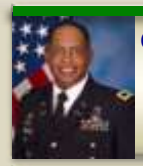
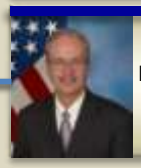
alfred.f.abramson.mil@mail.mil
410.417.3421

Joint Project Manager
NBC Contamination Avoidance



COL Alfred F. Abramson III
Joint Project Manager
410.417.3421
alfred.f.abramson.mil@mail.mil

Anne R. Hise
Operations Manager
410.417.3426
anne.r.hise.civ@mail.mil

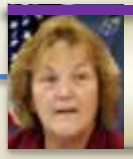


Robert C. Lyons
Deputy Joint Project Manager
410.417.3423
robert.c.lyons4.cov@mail.mil

Sharon M. Angelucci
Administrative Assistant
410.417.3420
sharon.m.angelucci.civ@mail.mil

Richard Spencer
Business Manager
410.417.3425
richard.m.spencer14.civ@mail.mil

Keith R. Devries
Executive Assistant
410.417.3418
keith.r.devries.ctr@mail.mil



Valerie M. Sigwart
Executive Assistant
410.417.3417
valerie.m.sigwart.civ@mail.mil

Assistant Program Managers

Fred L. Godette
Assistant Program Manager
Logistics
410.417.3456
fred.l.godette.civ@mail.mil

Michael T. Benham
Assistant Program Manager
Fielding and NET
410.417.3482
michael.t.benham.civ@mail.mil

Kate K. Ong
Assistant Program Manager
Science and Technology
410.417.3242
kate.k.ong.civ@mail.mil

Jason M. Reherman
Assistant Program Manager
Systems Engineering
410.417.3239
jason.m.reherman.civ@mail.mil

Bryan J. Keirn
Assistant Program Manager
Test and Evaluation
410.417.3424
bryan.j.keirn2.civ@mail.mil

Joint Product Managers

LTC Eric S. Betts
Joint Product Manager
Reconnaissance and Platform Int.
410.417.3558
eric.s.betts.mil@mail.mil

LTC Scott W. McIntosh
Joint Product Manager
Bio Detection Systems
410.436.7729
scott.w.mcintosh.mil@mail.mil

Product Directors

Joseph W. Lovrich
Product Director
Sensor
410.417.3480
joseph.w.lovrich.civ@mail.mil

Richard A. Floyd
Product Director
CCAT&TI
410.417.3273
richard.a.floyd10.civ@mail.mil

Military | Core Civilian | Matrix Civilian | Contractor | Other

Our Vision and Mission

PROGRAM VISION

Equip and sustain the world's most capable, powerful and respected Joint Forces with world class chemical, biological, and radiological contamination avoidance products, capabilities and services.

PROGRAM MISSION

The Joint Project Management Team for Nuclear, Biological, and Chemical Contamination Avoidance is responsible for the development, production, integration, testing, and fielding of NBC detection, obscuration, and reconnaissance systems.

We ensure our system developments, integration efforts and services focus on delivering capability to the Joint Warfighter at the right cost and at the right time.

FY15 Opportunities

NBCRV Doctrine, Techniques and Tactics (DTT) Training & Virtual Crew Training (VCT)

Description: Train the DTT and VTC skills and knowledge required to be proficient in operation of the Stryker Nuclear Biological Chemical Reconnaissance Vehicle.

Contract Type: Cost Plus Fixed Fee

Estimated Max Value: $5M

Key Milestones:

- Request for Proposal: December 2014
- Contract Award: February 2015
- POP: 1 March 2015 – 30 November 2016

Contracting Contact: ACC-APG Edgewood

Request for Proposal #: To be announced

FY15 Opportunities

Joint Biological Tactical Detection System (JBTDS)

Description: The JBTDS is envisioned to be a lightweight, low cost, man-portable and battery operable capability set to detect, collect and identify biological pathogens and toxins in a tactical environment. The primary system functions are to detect biological warfare agents (BWA), collect aerosol samples, identify the BWA in the sample, and alert personnel of the presence of a hazard.

Contract Type: CPIF/FFP/CR

Estimated Value: To be announced

Key Milestones:

- Issue RFP: December 2013
- Contract Award: March 2015

Contracting Contact: Richard Totten
Natick Contracting Division
Natick, MA 01760
301.619.2446

Request for Proposal #: W911QY-13-R-0036

FY16 Opportunities

NBCRV Sensor Suite Upgrade

Description: Mounted on the Stryker Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV)

- Replacement for the Dual Wheeled Sampling System to increase maneuver speeds.
- Adds Toxic Industrial chemical and Non Traditional Agent Detection and identification Capability to the NBCRV.

Contract Type: Cost Plus Incentive Fee

Estimated Max Value: $50M

Key Milestones:

- Request for Proposal: August 2015
- Contract Award: January 2016
- POP: FY16-FY20

Contracting Contact: ACC-APG Edgewood

Request for Proposal #: To be announced

FY16 Opportunities

Screening Obscuration Module (SOM)

Description: A small obscuration generator system designed to replace outdated smoke pots.

- Effort will include the research, development, test/evaluation (RDTE) and an option for production.
- The SOM will be capable of being deployed on manned and unmanned platforms or dismounted and operated as a stand-alone system.

Contract Type: Cost Plus Incentive Fee

Estimated Max Value: $15M

Key Milestones:

- Request for Proposal: June 2015
- Contract Award: January 2016
- POP: January 2016-June 2021

Contracting Contact: ACC-APG Edgewood

Request for Proposal #: To be announced

Challenges for Industry/ Organizational Way Ahead

- Defense Industry vs Commercial Industry
  - Pace of Place- Rapid Acquisition
- Embedded Sensors
  - Soldier
  - Platform
- Affordability vs Performance (Inversely Related)
- Anything Bio = Absolutely Hard
- Orthogonal Approaches (DOTLMPF)

NBCRV TMs